

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	36	(generat\$3 or obtaining or processing) same(face or facial) same(plurality or plural\$1 or sets) same extract\$3 adj features same(edges or lines or wavelets or gradient or curvature oe colour)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 09:47
L2	10	L1 and transform\$3 and(2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 09:48
L3	5	L2 and(@ad<"20031009" or @rlad<"20031009" or @prad<"20031009" or @ptad<"20031009")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 09:48
L4	0	(generat\$3 or obtaining or processing) same(face or facial) same(plurality or plural\$1 or sets) same different adj processed adj image same extract\$3 adj features same(edges or lines or wavelets or gradient or curvature oe colour)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 09:54
L5	1	(generat\$3 or obtaining or processing) and(face or facial) and(plurality or plural\$1 or sets) and different adj processed adj image and extract\$3 adj features and(edges or lines or wavelets or gradient or curvature or colour)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 09:56
S1	3	"4155072".pn.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 12:52
S2	15403	image adj recognit\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:00

S3	:71	S2 and(general\$3 or obtaining) same(face or facial) same key	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:14
S4	:44	S3 and(@ad<"20031009" or @lad<"20031009" or @prad<"20031009" or @ptad<"20031009")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:16
S5	:0	S4 and transform\$3 and space3 adj data	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:17
S6	:12	S4 and transform\$3 and(space or 2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:18
S7	:8	S6 and @ad<"20031009"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:18
S8	:369	S2 and(general\$3 or obtaining) same(face or facial) adj image\$1	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:19
S9	:128	S8 and transform\$3 and(2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:20
S10	:102	S9 and(@ad<"20031009" or @lad<"20031009" or @prad<"20031009" or @ptad<"20031009")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:20
S11	:72	S10 and @ad<"20031009"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:20

S12	:325	S2 and(general\$3 or obtaining)same(face or facial)and (set or plurality or plural\$1)adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:21
S13	:134	S12 and transform\$3 and(2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:21
S14	:47	S13 and @ad<"20031009"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:21
S15	:72	S13 and(@ad<"20031009" or @rlad<"20031009" or @prad<"20031009" or @ptad<"20031009")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:21
S16	:21	S14 and feature adj extract\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:41
S17	:17	S16 and(edge\$1 or contour\$1 or border\$3 or boundar\$3 or peripher\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:45
S18	:1	S17 and line and wavelets and vector and curvature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:53
S19	:1	S18 and image adj identificat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:54
S20	:28	S2 and(general\$3 or obtaining)same(face or facial)adj image\$1 same structure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:58

S21	:0	S2 and(general\$3 or obtaining)same(face or facial)adj image\$1 same surface adj structure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:59
S22	:17	S2 and(general\$3 or obtaining)same(face or facial)adj image\$1 same surface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:59
S23	:9	S20 and @ad<"20031009"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:59
S24	:1	S23 and feature adj extract\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:59
S25	:1	S24 and(edge\$1 or contour\$1 or border\$3 or boundar\$3 or peripher\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:00
S26	:1	S25 and transform\$3 and(2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:00
S27	:0	S26 and line and wavelets and vector and curvature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:00
S28	:0	S26 and wavelets and vector and curvature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:00
S29	:1	S26 and wavelets and vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:00

S30	:3	S23 and image adj identificat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:01
S31	:0	S30 and feature adj extract\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:03
S32	:2	S30 and extract\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:04
S33	:0	S32 and(edge\$1 or contour\$1 or border\$3 or boundar\$3 or peripher\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:04
S34	:0	S32 and wavelets and vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:04
S35	:134	S12 and transform\$3 and(2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:06
S36	:112	S35 and(edge\$1 or contour\$1 or border\$3 or boundar\$3 or peripher\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:06
S37	:26	S36 and wavelets and vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:07
S38	:15	S37 and feature adj extract\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:07

S39	:4	S38 and @ad<"20031009"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:07
S40	:1152	S2 and(general\$3 or obtaining)same(face or facial)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:08
S41	:200	S40 and feature adj extract\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:08
S42	:139	S41 and(edge\$1 or contour\$1 or border\$3 or boundar\$3 or peripher\$3)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:08
S43	:76	S42 and transform\$3 and(2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:08
S44	:32	S43 and wavelets and vector	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:09
S45	:13	S44 and @ad<"20031009"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:09
S46	:125	((JAMES) near2 (AUSTIN)).INV.	US_PGPUB; USPAT	OR	ON	2009/01/14 17:15
S47	:1	((NICHOLAS) near2 (PEARS)).INV.	US_PGPUB; USPAT	OR	ON	2009/01/14 17:15
S48	:1	((THOMAS) near2 (HESELTINE)).INV.	US_PGPUB; USPAT	OR	ON	2009/01/14 17:15

S49	:1	S46 and(generat\$3 or obtaining)same(face or facial)and (set or plurality or plural\$1)adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:16
S50	:1	S49 and transform\$3 and(2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:16
S51	:1	S47 and(generat\$3 or obtaining)same(face or facial)and (set or plurality or plural\$1)adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 17:16
S52	:1	((THOMAS) near2 (HESELTINE)).INV.	US-PGPUB; USPAT	OR	ON	2009/01/16 09:49
S53	:1	S52 and(generat\$3 or obtaining)same(face or facial)and (set or plurality or plural\$1)adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:49
S54	:142	(generat\$3 or obtaining)same(face or facial)same surface adj structure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:50
S55	:15	S54 and transform\$3 and(space or 2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:53
S56	:13	S55 and(@ad<"20031009" or @rlad<"20031009" or @prad<"20031009" or @ptad<"20031009")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:54
S57	:7	S56 and @ad<"20031009"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:55

S58	:0	S54 and transform\$3 and reduction adj space	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:56
S59	:123	transform\$3 and reduction adj space and(facial or face)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:57
S60	:123	S59 and transform\$3 and(space or 2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:57
S61	:0	S60 and feature adj extract\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:57
S62	:99	S60 and(edge\$1 or contour\$1 or border\$3 or boundar\$3 or peripher\$3)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:58
S63	:0	S62 and wavelets and vector and curvature	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:58
S64	:18	S62 and curvature	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:58
S65	:15	S64 and(@ad<"20031009" or @rlad<"20031009" or @prad<"20031009" or @ptad<"20031009")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:59
S66	:13	S64 and @ad<"20031009"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 09:59

S67	:7	reduction adj space and(facial or face) same vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:02
S68	:5	S67 and @ad<"20031009"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:02
S69	:1	S68 and transform\$3 and(space or 2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:05
S70	:0	S69 and euclidean	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:08
S71	:0	S69 and mahalanobis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:09
S72	:0	S69 and cosine adj distance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:09
S73	:1	S69 and (PCA or principal adj component adj analysis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:10
S74	:0	S73 and (fishers adj linear adj discriminant adj analysis or FLDA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:12
S75	:0	S64 and euclidean	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:13

S76	:0	S64 and (PCA or principal adj component adj analysis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:13
S77	:0	S64 and(fishers adj linear adj discriminant adj analysis or FLDA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:14
S78	:3816	(face or facial)and(PCA or principal adj component adj analysis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:14
S79	:23	S78 and(fishers adj linear adj discriminant adj analysis or FLDA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:14
S80	:15	S79 and transform\$3 and(space or 2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:15
S81	:0	S80 and transform\$3 and reduction adj space	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:15
S82	:0	S80 and reduction adj space	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:16
S83	:3	S80 and euclidean	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:16
S84	:2	S83 and @ad<"20031009"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:16

S85	:0	S84 and mahalanobis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:16
S86	:0	S84 and cosine adj distance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:16
S87	:0	S84 and wavelets and vector and curvature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:19
S88	:0	S84 and wavelets	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:19
S89	:2	S84 and vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:19
S90	:0	S89 and curvature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:20
S91	:5035	382/118,190,195,103,104,170,206,155,159,115,225,224,117,201,228.ccls.	USPAT	OR	ON	2009/01/16 10:28
S92	:204	S91 and(face or facial)and(PCA or principal adj component adj analysis)	USPAT	OR	ON	2009/01/16 10:29
S93	:2	S92 and(fishers adj linear adj discriminant adj analysis or FLDA)	USPAT	OR	ON	2009/01/16 10:29
S94	:1	S93 and transform\$3 and(space or 2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	USPAT	OR	ON	2009/01/16 10:30
S95	:1	S94 and euclidean	USPAT	OR	ON	2009/01/16 10:30
S96	:1518	704/251,E15,042,231,200.ccls.	USPAT	OR	ON	2009/01/16 10:33
S97	:0	S96 and(fishers adj linear adj discriminant adj analysis or FLDA)	USPAT	OR	ON	2009/01/16 10:33

S98	:8	S96 and(face or facial)and(PCA or principal adj component adj analysis)	USPAT	OR	ON	2009/01/16 10:34
S99	:7	S98 and transform\$3 and(space or 2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	USPAT	OR	ON	2009/01/16 10:34
S100	:1	S99 and euclidean	USPAT	OR	ON	2009/01/16 10:34
S101	:1	S100 and vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:34
S102	:1450	345/441,418.ccls.	USPAT	OR	ON	2009/01/16 10:37
S103	:11	S102 and(face or facial)and(PCA or principal adj component adj analysis)	USPAT	OR	ON	2009/01/16 10:37
S104	:0	S103 and(fishers adj linear adj discriminant adj analysis or FLDA)	USPAT	OR	ON	2009/01/16 10:37
S105	:6	S103 and transform\$3 and(space or 2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	USPAT	OR	ON	2009/01/16 10:38
S106	:1	S105 and euclidean	USPAT	OR	ON	2009/01/16 10:38
S107	:1	S106 and vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:38
S108	:0	S107 and wavelets	USPAT	OR	ON	2009/01/16 10:38
S109	:1	S107 and curvature	USPAT	OR	ON	2009/01/16 10:39
S110	:1	S109 and @ad<"20031009"	USPAT	OR	ON	2009/01/16 10:40
S111	:1	S110 and normalisation	USPAT	OR	ON	2009/01/16 10:41
S112	:1097	348/77,61,169.ccls.	USPAT	OR	ON	2009/01/16 10:46
S113	:21	S112 and(face or facial)and(PCA or principal adj component adj analysis)	USPAT	OR	ON	2009/01/16 10:46
S114	:0	S113 and(fishers adj linear adj discriminant adj analysis or FLDA)	USPAT	OR	ON	2009/01/16 10:46
S115	:10	S113 and transform\$3 and(space or 2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)	USPAT	OR	ON	2009/01/16 10:46

S116	:1	S115 and euclidean	USPAT	OR	ON	2009/01/16 10:46
S117	:1	S116 and vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 10:47
S118	:0	S117 and wavelets	USPAT	OR	ON	2009/01/16 10:47
S119	:0	S117 and curvature	USPAT	OR	ON	2009/01/16 10:47
S120	:1	S117 and (3D or three adj dimensional\$1 or 3D or 3-D)	USPAT	OR	ON	2009/01/16 10:49
S121	:1	S120 and @ad<"20031009"	USPAT	OR	ON	2009/01/16 10:49
S122	:0	((face or facial)adj recognition and transform\$3 and(space or 2D or three adj dimensional\$1 or 3D or 3-D or two adj dimensional\$1)and(compar\$5 or match\$3)and storing and generat\$3 adj image\$1 and image adj key).CLM.	US-PGPUB	OR	ON	2009/01/16 10:59
S123	:0	((face or facial)adj recognition and transform\$3 and space adj data and(compar\$5 or match\$3) and storing and generat\$3 adj image\$1 and image adj key).CLM.	US-PGPUB	OR	ON	2009/01/16 10:59
S124	:0	((face or facial)adj recognition and transform\$3 and space adj data and image adj key).CLM.	US-PGPUB	OR	ON	2009/01/16 11:00

7/16/09 10:07:00 AM

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